


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Substitute for form 1449A/PTO

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/883,033
Filing Date	June 15, 2001
First Named Inventor	Jean-Pierre Sommadossi <i>et al.</i>
Group Art Unit	1623
Examiner Name	Howard V. Owens, Jr.
Attorney Docket Number	06171.105026 (IDX 1005 US)

U.S. PATENT DOCUMENTS


Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>HO</i>	AA	5,470,838		von Borstel et al.	11-28-1995	
<i>HO</i>	AB	5,736,531		von Borstel et al.	04-07-1998	
<i>HO</i>	AC	5,968,914		von Borstel et al.	10-19-1999	
<i>HO</i>	AD	6,020,322		von Borstel et al.	02-01-2000	
<i>HO</i>	AE	6,258,795		von Borstel et al.	07-10-2001	
<i>HO</i>	AF	6,257,222		von Borstel et al.	10-02-2001	<i>DUPLICATE</i>

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		Office ³	Number	Kind Code ² (if known)				
<i>HO</i>	AO	WO	89/03838	A1	PRO-NEURON, INC.	05-05-1989		
<i>HO</i>	AH	WO	93/01202	A1	PRO-NEURON, INC.	01-21-1993		
<i>HO</i>	AI	WO	94/26761	A1	PRO-NEURON, INC.	11-24-1994		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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9-4-04

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		Filing Date	June 15, 2001
		First Named Inventor	Jean-Pierre Sommadossi <i>et al.</i>
		Group Art Unit	1623
		Examiner Name	Howard V. Owens, Jr.
		Attorney Docket Number	06171.105026 (IDX 1005 US)
Sheet	1	of	9

U.S. PATENT DOCUMENTS					
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		Number	Kind Code (if known)		
<i>HO</i>		4,916,122		Chu	04-10-1990
		4,957,924		Beauchamp	09-18-1990
		5,149,794		Yatvin <i>et al.</i>	09-22-1992
		5,190,926		Chu	03-02-1993
		5,194,654		Hostetler <i>et al.</i>	03-16-1993
		5,223,263		Hostetler <i>et al.</i>	06-29-1993
		5,256,641		Yatvin <i>et al.</i>	10-01-2693
		5,411,947		Hostetler <i>et al.</i>	05-02-1995
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		5,539,116		Liotta	07-23-1996
		5,543,389		Yatvin <i>et al.</i>	08-06-1996
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		5,543,391		Yatvin <i>et al.</i>	08-06-1996
		5,554,728		Basava <i>et al.</i>	09-10-1996
		5,559,101		Weis <i>et al.</i>	09-24-1996
		5,565,438		Chu	10-15-1996
		5,567,688		Chu	10-22-1996
		5,587,362		Chu	12-24-1996
		5,939,402		Weis <i>et al.</i>	08-17-1999
		6,025,335		Weis <i>et al.</i>	02-15-2000
		6,194,391		Schinazi <i>et al.</i>	02-27-2001
		6,245,749		Schinazi <i>et al.</i>	06-12-2001
<i>HO</i>		6,297,222	B1	von Borstel <i>et al.</i>	10-02-2001

Examiner Signature	<i>Howard V. Owens</i>	Date Considered	9-3-04
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				Filing Date	June 15, 2001
				First Named Inventor	Jean-Pierre Sommadossi <i>et al.</i>
				Group Art Unit	1623
				Examiner Name	Howard V. Owens, Jr.
				Attorney Docket Number	06171.105026 (IDX 1005 US)
Sheet	2	of	9		

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		Office ³	Number	Kind Code ³ (if known)					
H/S		WO	89/02733		University of California	04-06-1989			
		WO	89/03838	A1	Pro-neuron, Inc.	05-05-1989			
		WO	90/00555		Vical, Inc.	01-25-1990			
		WO	91/16920		Vical, Inc.	11-14-1991			
		WO	91/18914		Vical, Inc.	12-12-1991			
		WO	91/19721		Glazier	12-26-1991			
		WO	92/01138		Yatvin	01-20-1994			
		WO	92/08727						
		WO	92/15308		Wellcome	09-17-1992			
		WO	92/18517		Yale et al.	10-29-1992			
		WO	93/00910		Vical, Inc.	01-21-1993			
		WO	94/20523		Burroughs Wellcome	09-15-1994			
		WO	94/26273		Hostetler	11-24-1994			
		WO	94/29331		Sloan-Kettering Inst. for Cancer Research	12-22-1994			
		WO	95/07086						
		WO	96/11204		Matthes & Von Jenta-Lipinski	04-18-1996			
		WO	96/13512		Genencor	05-09-1996			
		WO	96/15132		University of California	05-23-1996			
		WO	96/40164		Emory University	12-19-1996			
		WO	98/15563		Pankiewicz, K.W. et al	10-09-1997			
		EP	0 355 131	B1	Pro-neuron, Inc.	09-04-1996			
		EP	0 352 248		Medivir Aktiebolag	01-24-1990			
	H/S		EP	0 350 287		Vical, Inc.	02-10-1990		

Examiner Signature	<i>Howard V. Owens, Jr.</i>	Date Considered	9-3-01
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Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 9

Complete if Known

Application Number	09/883,033
Filing Date	June 15, 2001
First Named Inventor	Jean-Pierre Sommadossi et al.
Group Art Unit	1623
Examiner Name	Howard V. Owens, Jr.
Attorney Docket Number	06171.105026 (IDX 1005 US)

FOREIGN PATENT DOCUMENTS

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		Office ²	Number	Kind Code ³ (if known)				
H/O		EP	0 494 119		BioChem Pharma	07-08-1992		
		JP	06-293645		Saneyoshi et al.	10-21-1994		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†
H/O		ARNER and ERIKSSON, "Mammalian Deoxyribonucleoside Kinases," <u>Pharm. Ther.</u> , 1995, 67(2), 155-186.	
		BERK et al., "A Genetically Distinct Tymidine Kinase in Mammalian Mitochondria," <u>J Biol Chem.</u> 1973, 248, 2722-2729.	
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		BRIDGES et al., "Characterization of a dCTP Transport Activity Reconstituted from Human Mitochondria," <u>J. Biol. Chem.</u> February 19, 1999, 274(8), 4620-4625.	
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		BRIDGES et al., "Inhibition of Mammalian DNA Polymerase-Associated 3' to 5' Exonuclease Activity by 5'-Monophosphates of 3'-Azido-3'-Deoxythymine and 3'-Amino-3'-Deoxythymidine," <u>Biochemical Pharmacology</u> , 1993, 45(8), 1571-1576.	
		BRYANT et al., "Antiviral L-Nucleosides Specific for Hepatitis B Virus Infection," <u>Antimicrobial Agents and Chemotherapy</u> , 45(1), 229-235 (January 2001).	
H/O		CHANG et al., "Biochemical Pharmacology of (+)- and (-)-2',3'-Dideoxy-3'-thiacytidine as Anti-hepatitis B Virus Agents," <u>J Biol Chem.</u> November 5, 1992, 267(31), 22414-22420.	

Examiner Signature

Howard V. Owens, Jr.

Date Considered

9-4-01

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Substitute for form 1449A/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/883,033
				Filing Date	June 15, 2001
				First Named Inventor	Jean-Pierre Sommadossi <i>et al.</i>
				Group Art Unit	1623
				Examiner Name	Howard V. Owens, Jr.
(use as many sheets as necessary)				Attorney Docket Number	06171.105026 (IDX 1005 US)
Sheet	4	of	9		

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HC		CHANG, et al., "Deoxycytidine Deaminase-resistant Stereoisomer is the Active Form of (-)-2',3'-thiacytidine in the Inhibition of Hepatitis B Virus Replication," <i>Journal of Biological Chemistry</i> , Volume 267(20), 13938-13942 (July 15, 1992).	
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710		DU et al, Synthesis, "Anti-Human Immunodeficiency Virus and Anti-Hepatitis B Virus Activities of Novel Oxaselenolane Nucleosides," <i>J. of Med. Chem.</i> , (40)19, 2991-2993 (September 12, 1997).	

Examiner Signature		Date Considered	9-4-01
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		(use as many sheets as necessary)	
Sheet	5	of	9
		Complete if Known	
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Ho		DUTSCHMAN et al., "Metabolism of 2',3'-dideoxy-2',3'-didehydro-β-L-(-)-5-Fluorocytidine and Its Activity in Combination with Clinically Approved Anti-Humna Immunodeficiency Virus β-D-(+) Nucleoside Analogs In Vitro," <i>Antimicrobial Agents and Chemotherapy</i> , July 1998, 42(7), 1799-1804.	
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		HOLY. "Nucleic Acid Components and Their Analogs. CLIII. Preparation of 2'-deoxy-L-Ribonucleosides of the Pyrimidine Series," <i>Collect. Czech. Chem. Commun.</i> (1972), 37(12), 4072-87.	
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		HOSTETLER, K.Y., et al. "Synthesis And Antiretroviral Activity Of Phospholipid Analogs Of Azidothymidine And Other Antiviral Nucleosides." (April 15, 1990) <i>J. Biol Chem.</i> 265(11):6112-7.	
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Ho		JONES, R. et al., "Mini Review: Nucleotide prodrugs," <i>Antiviral Research</i> , 27, 1-17 (1995).	

Examiner Signature		Date Considered	9-4-04
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Sheet	6	of	9	Attorney Docket Number	06171.105026 (IDX 1005 US)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/883,033
		Filing Date	June 15, 2001
		First Named Inventor	Jean-Pierre Sommadossi <i>et al.</i>
		Group Art Unit	1623
		Examiner Name	Howard V. Owens, Jr.
Attorney Docket Number	06171.105026 (IDX 1005 US)		
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		First Named Inventor	Jean-Pierre Sommadossi <i>et al.</i>
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Ho		ZHU et al., "Anti-Hepatitis B Virus Activity and Metabolism of 2',3'-dideoxy-2',3'-didehydro-β-L(-)-5-Fluorocytidine," <i>Antimicrobial Agents and Chemotherapy</i> , July 1998, 42(7), 1805-1810.	
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